

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079590.D
 Acq On : 30 May 2015 7:34
 Operator : TP/IZ
 Sample : G2416-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.1(5)

Manual Integrations
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Quant Time: May 31 06:13:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73986	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	295713	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	131691	20.00	ng	-0.01
63) Phenanthrene-d10	12.53	188	238086	20.00	ng	-0.01
75) Chrysene-d12	15.82	240	240158	20.00	ng	-0.02
86) Perylene-d12	17.62	264	258029	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	574545	134.69	ng	-0.01
7) Phenol-d6	6.55	99	734386	135.07	ng	-0.01
23) Nitrobenzene-d5	7.66	82	429132	83.89	ng	-0.01
41) 2,4,6-Tribromophenol	11.67	330	189241	130.83	ng	-0.02
44) 2-Fluorobiphenyl	9.87	172	793416	85.95	ng	-0.01
78) Terphenyl-d14	14.53	244	801580	78.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.39	163	180246	18.58	ng	100
70) Phenanthrene	12.55	178	104636	8.01	ng	99
74) Fluoranthene	14.02	202	223493	15.96	ng	97
77) Pyrene	14.30	202	199462	13.41	ng	97
80) Benzo(a)anthracene	15.81	228	130869	9.47	ng	94
82) Chrysene	15.85	228	136739	10.41	ng	98
85) Indeno(1,2,3-cd)pyrene	18.95	276	118481	7.01	ng	97
87) Benzo(b)fluoranthene	17.15	252	210486m	14.30	ng	
88) Benzo(k)fluoranthene	17.19	252	46610m	3.54	ng	
89) Benzo(a)pyrene	17.55	252	145257	9.75	ng	99
90) Dibenzo(a,h)anthracene	18.97	278	49474	2.22	ng	# 82
91) Benzo(a,h,i)perylene	19.33	276	152058	9.45	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

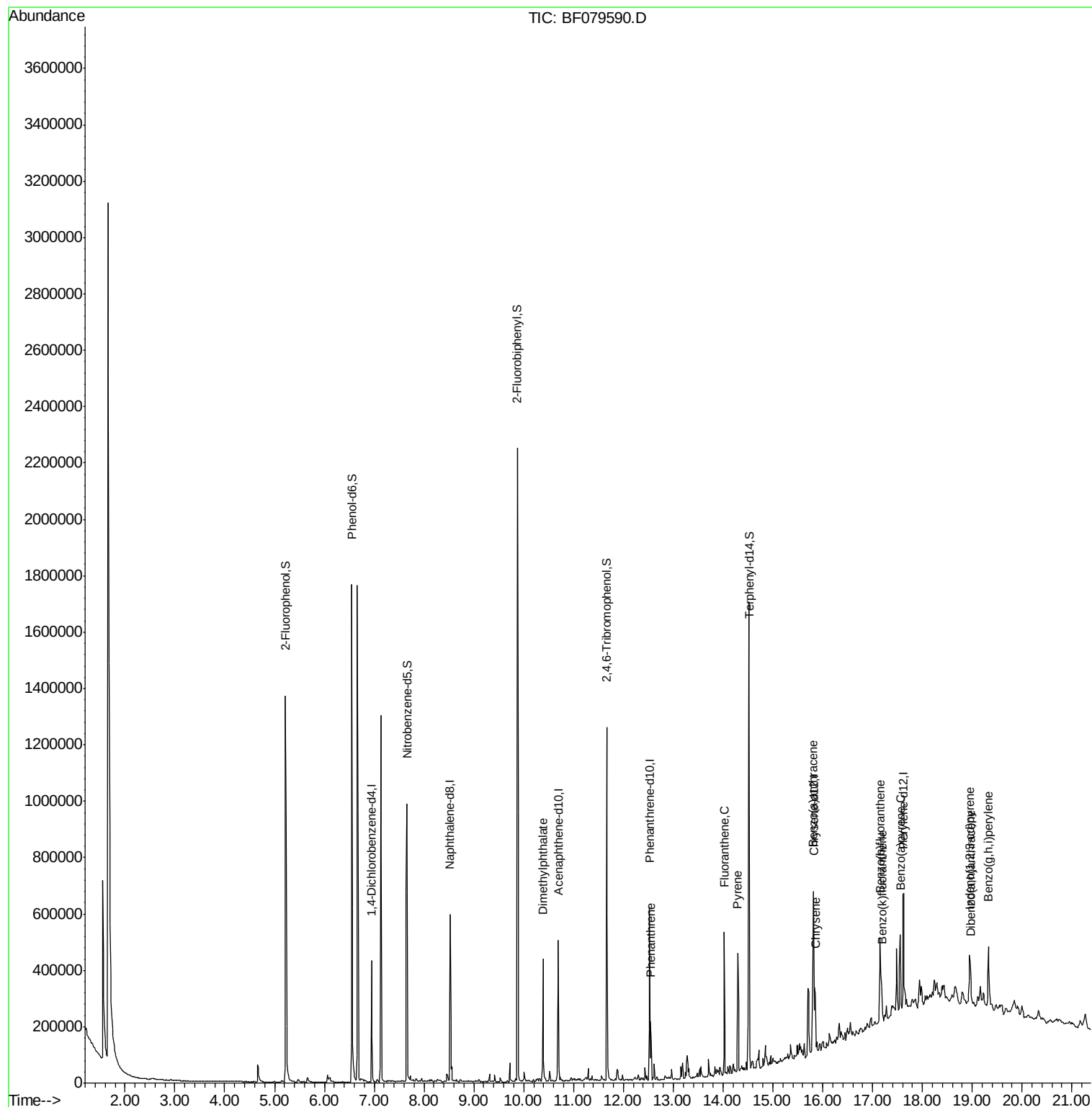
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079590.D
Acq On : 30 May 2015 7:34
Operator : TP/IZ
Sample : G2416-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

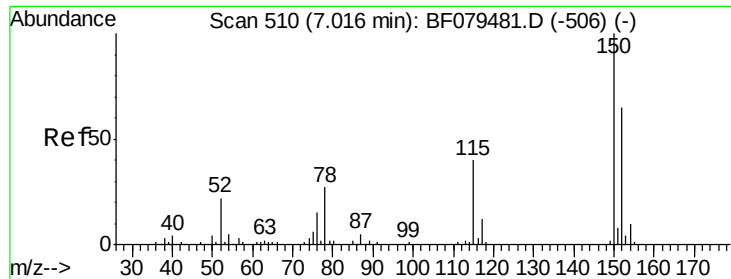
Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

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Quant Time: May 31 06:13:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

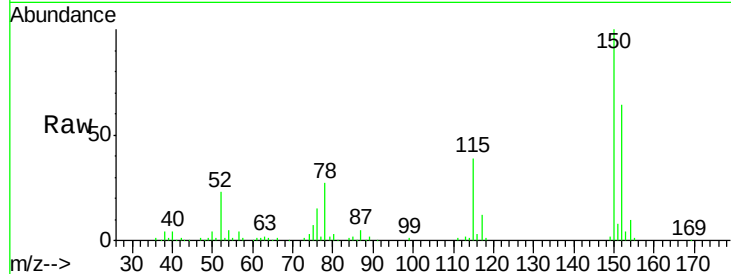
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

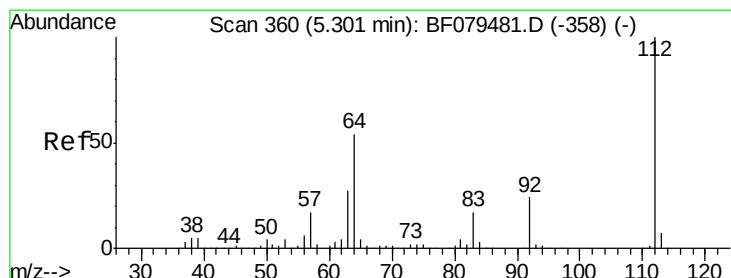
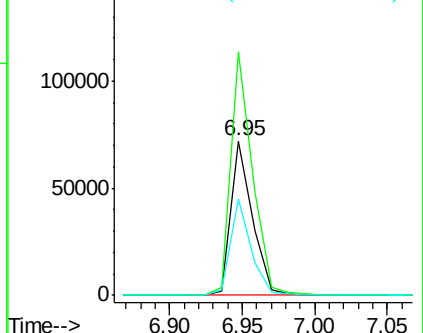
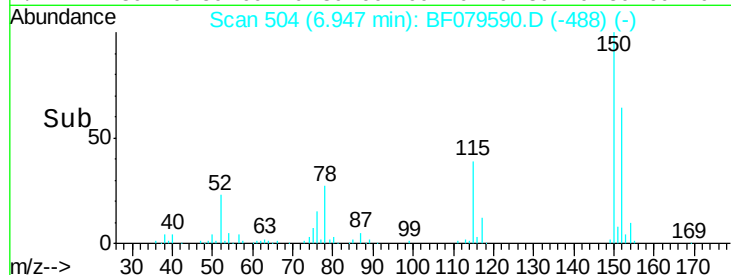
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.0	186.0
115	62.1	49.6	74.4

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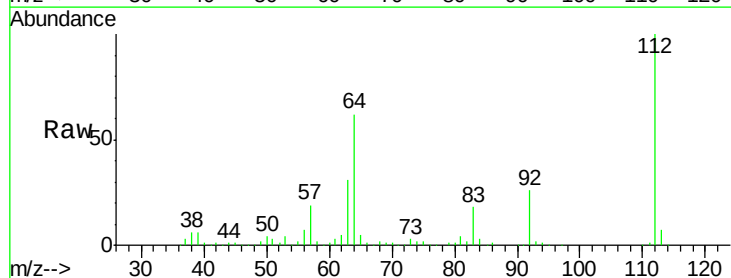
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



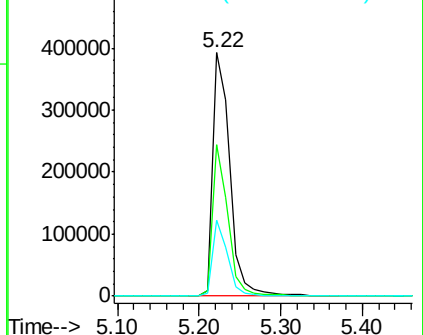
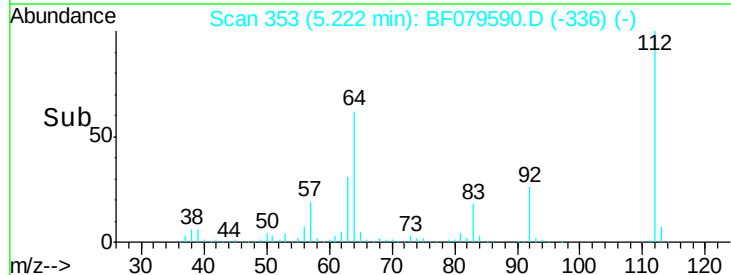
#5

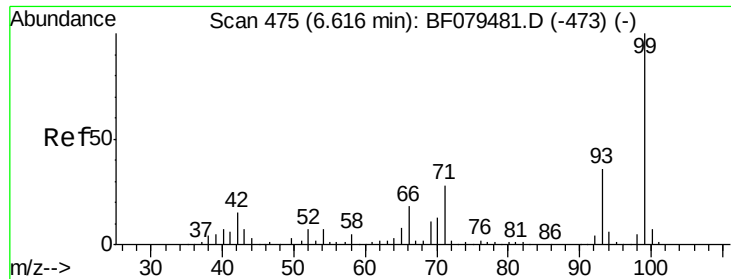
2-Fluorophenol
Concen: 134.69 ng
RT: 5.22 min Scan# 353
Delta R.T. -0.01 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	43.5	65.3
63	31.2	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.07 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

Instrument :

BNA_F

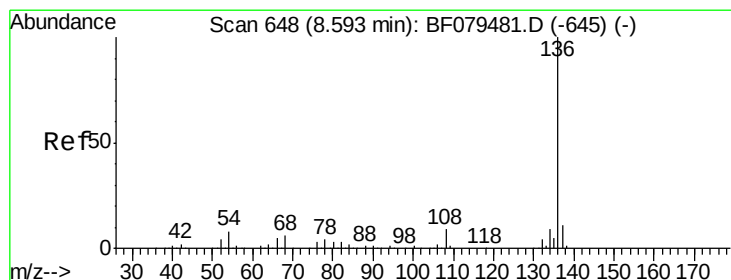
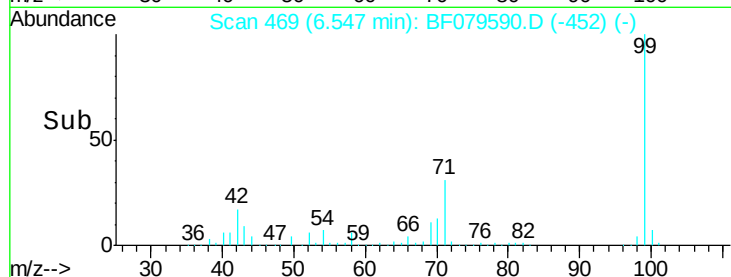
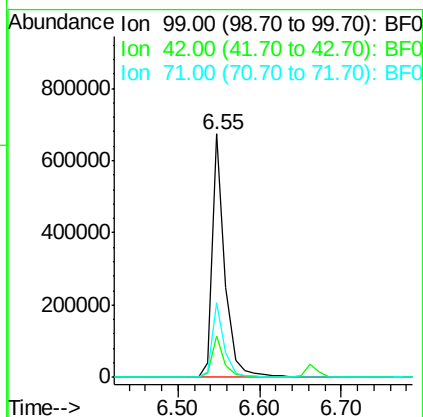
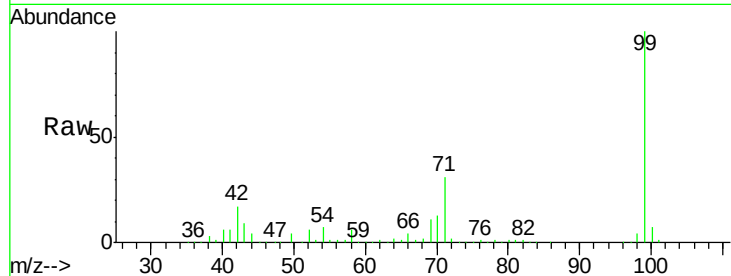
ClientSampleId :

CONNECTORRD-TE1.1(5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		734386		
42	17.2	11.9	17.9		
71	30.8	22.1	33.1		

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#21

Naphthalene-d8

Concen: 20.00 ng

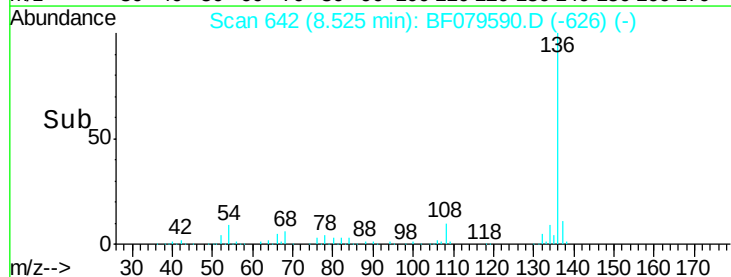
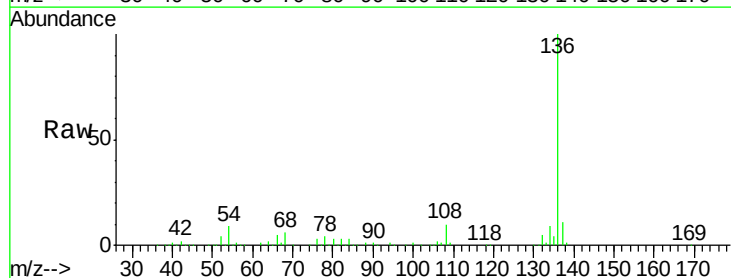
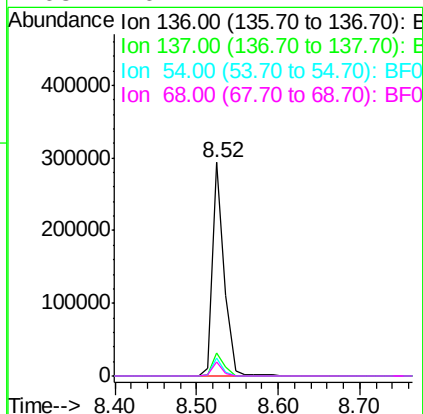
RT: 8.52 min Scan# 642

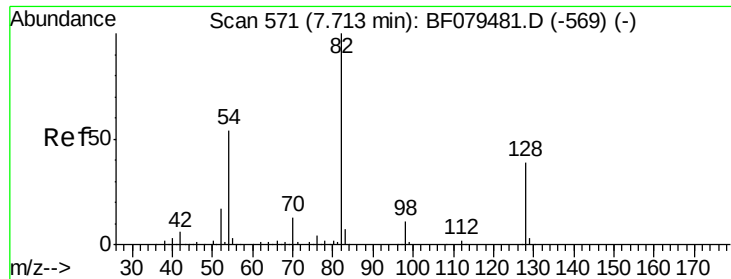
Delta R.T. -0.01 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		295713		
137	10.9	8.5	12.7		
54	8.6	6.6	9.8		
68	6.4	4.7	7.1		





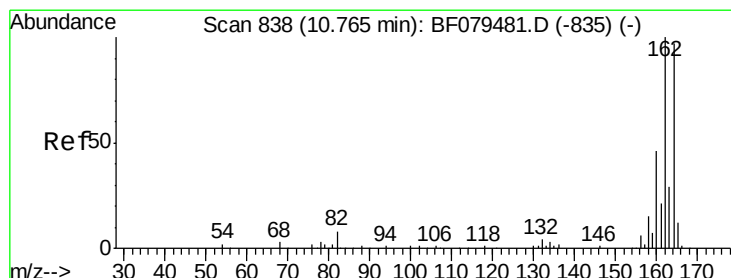
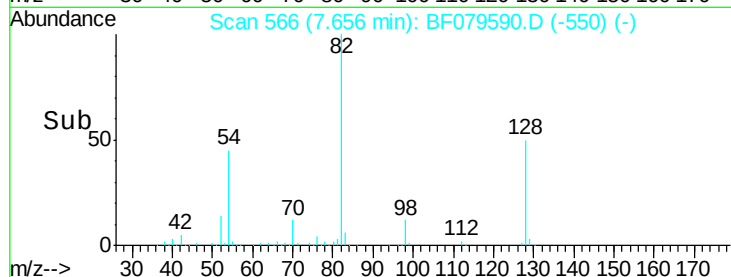
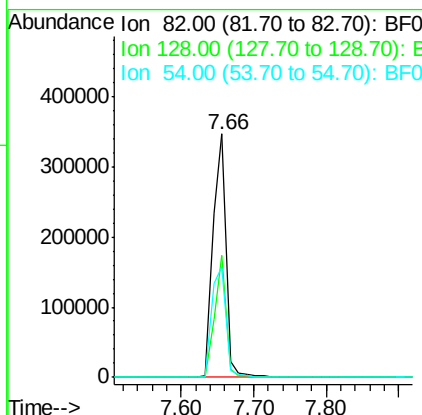
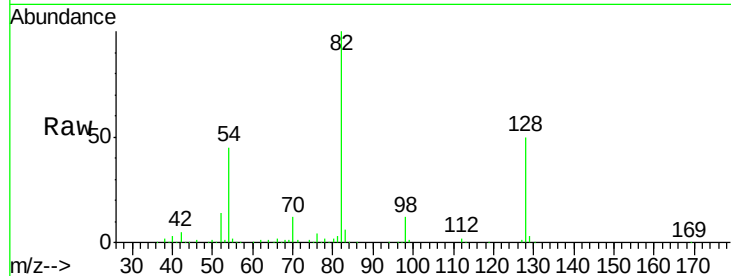
#23
 Nitrobenzene-d5
 Concen: 83.89 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF079590.D
 Acq: 30 May 2015 7:34

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.1(5)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	429132		
128	50.3	30.8	46.2#	
54	45.2	42.8	64.2	

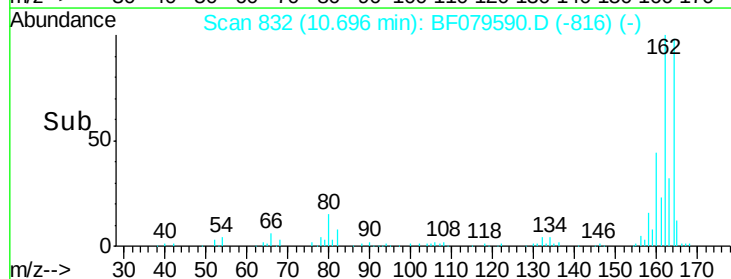
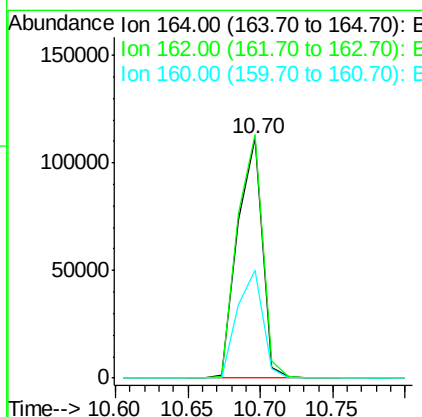
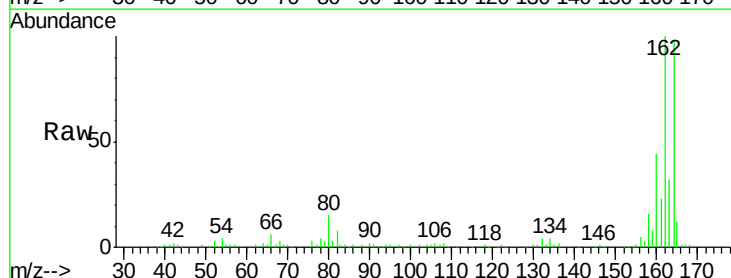
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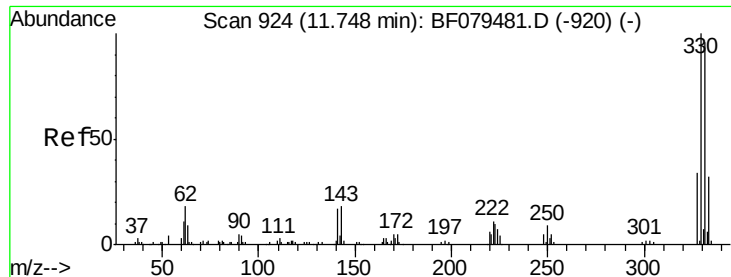
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079590.D
 Acq: 30 May 2015 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131691		
162	101.8	82.6	124.0	
160	45.2	37.7	56.5	





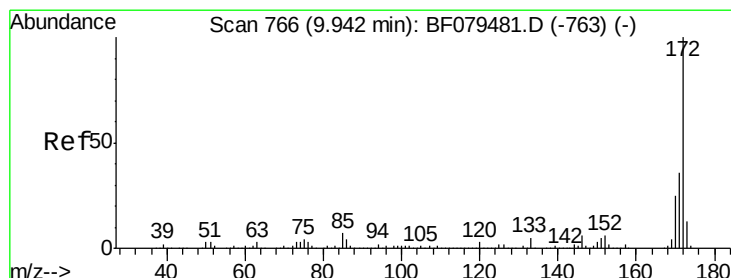
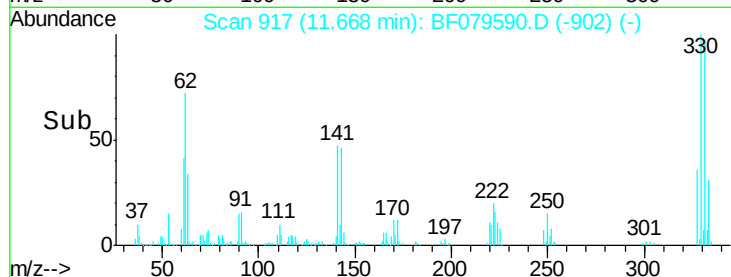
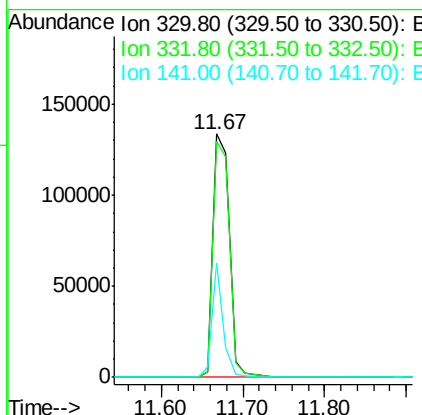
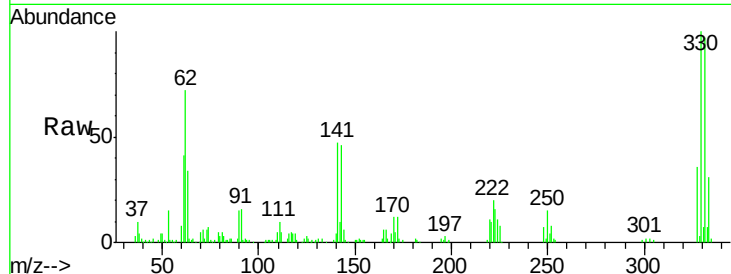
#41
 2,4,6-Tribromophenol
 Concen: 130.83 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079590.D
 Acq: 30 May 2015 7:34

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.1(5)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	32.6	0.0	0.0#

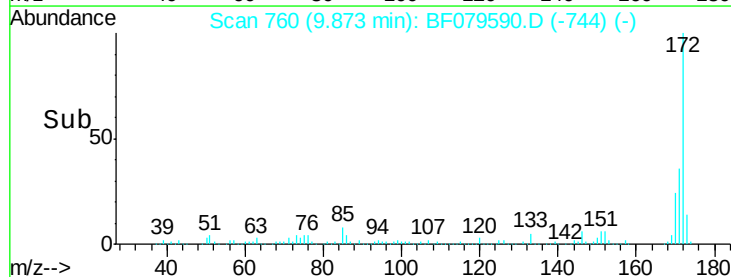
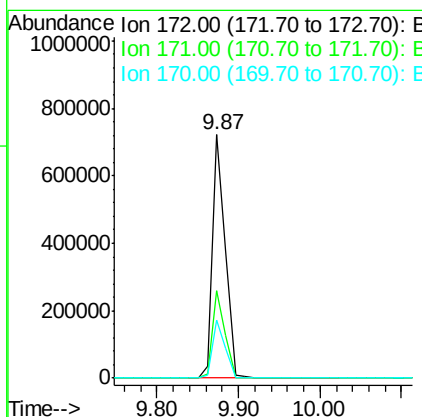
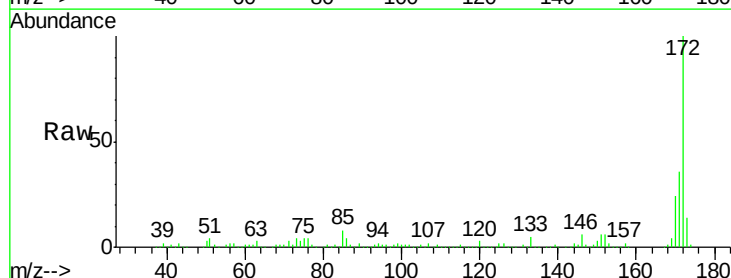
Manual Integrations
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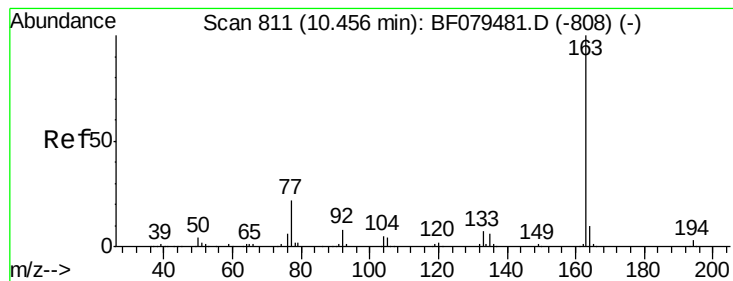
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#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079590.D
 Acq: 30 May 2015 7:34

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.0	19.7	29.5





#49

Dimethylphthalate

Concen: 18.58 ng

RT: 10.39 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

Instrument :

BNA_F

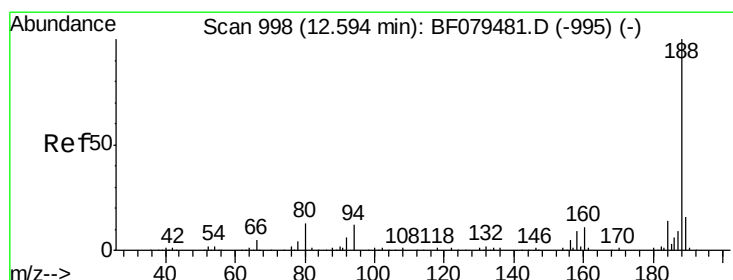
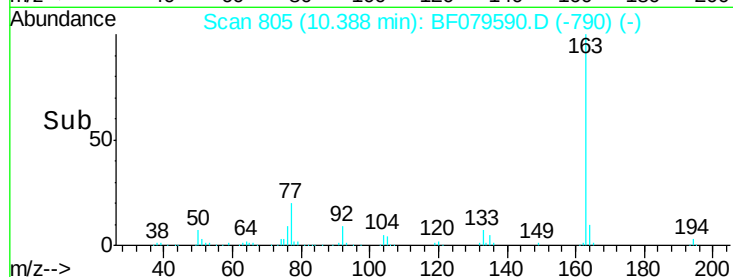
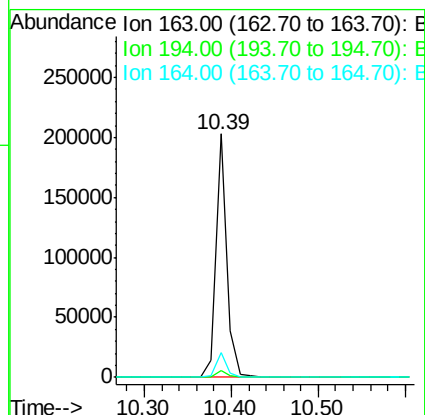
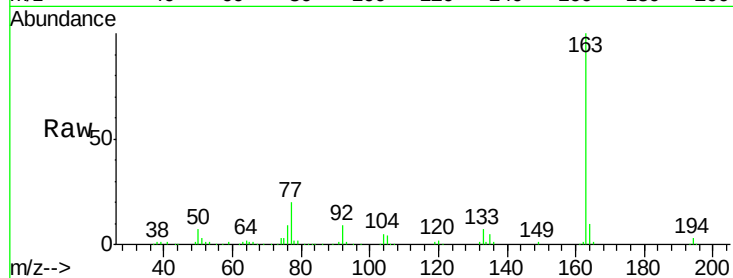
ClientSampleId :

CONNECTORRD-TE1.1(5)

Tot Ion:	163	Resp:	180246
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.4	3.6
164	10.3	8.2	12.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

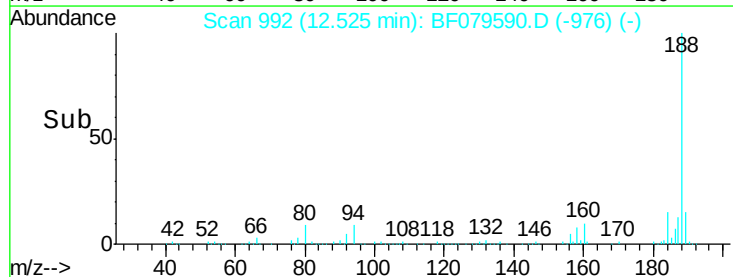
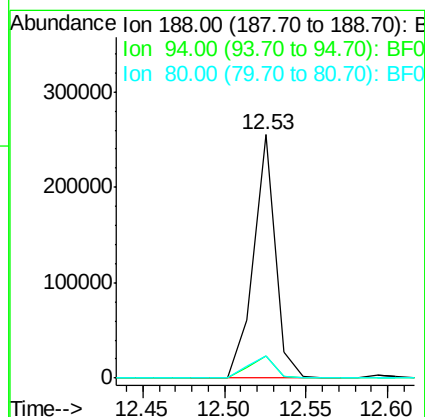
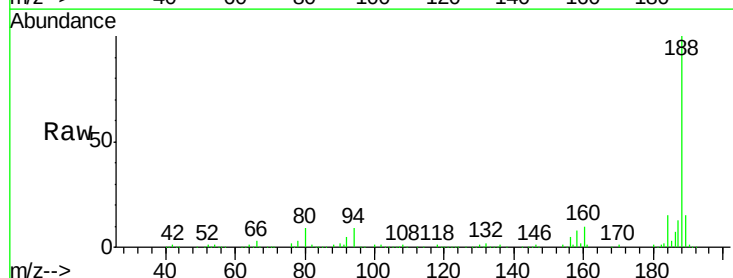
RT: 12.53 min Scan# 992

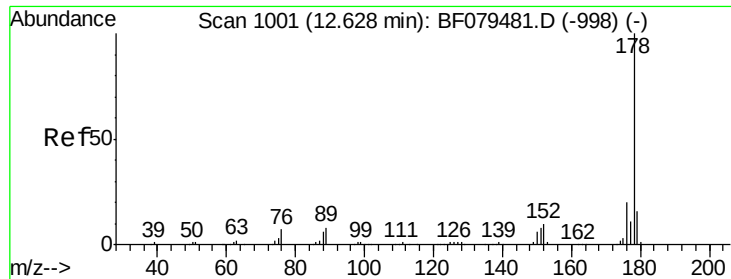
Delta R.T. -0.01 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

Tgt Ion:	188	Resp:	238086
Ion Ratio	Lower	Upper	
188	100		
94	9.0	9.8	14.6#
80	9.1	10.5	15.7#





#70

Phenanthrene

Concen: 8.01 ng

RT: 12.55 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

Instrument :

BNA_F

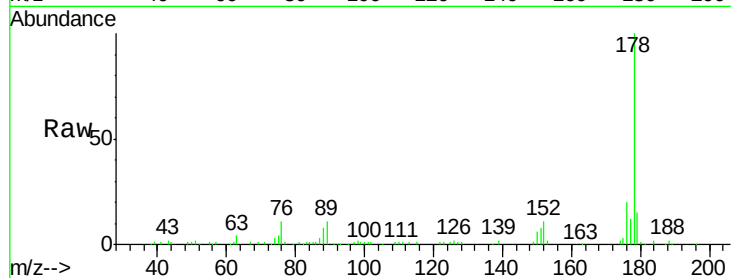
ClientSampleId :

CONNECTORRD-TE1.1(5)

Tot Ion:	178	Resp:	104636
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.7	23.5
179	15.3	12.4	18.6

Manual Integrations
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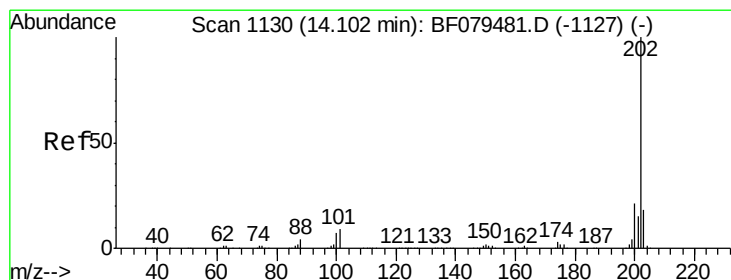
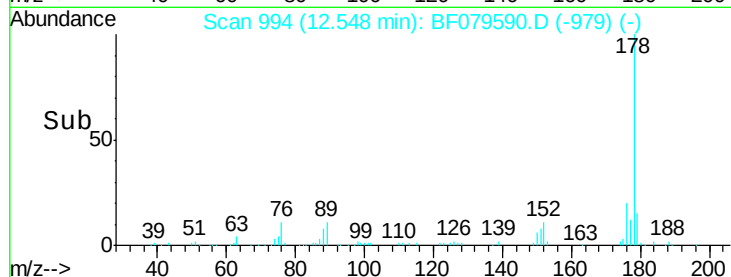
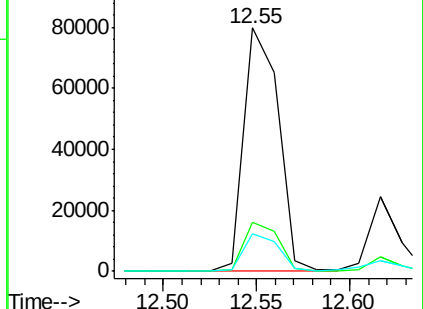
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 15.96 ng

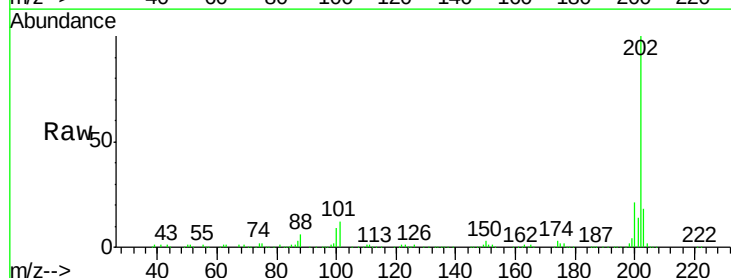
RT: 14.02 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

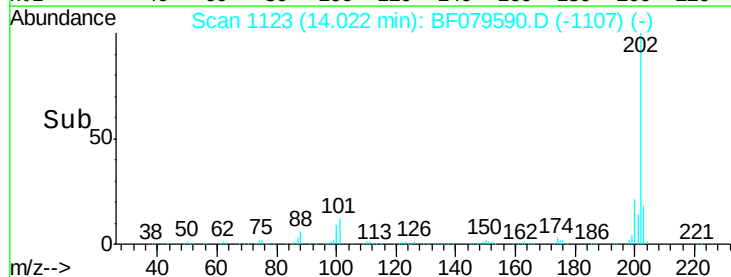
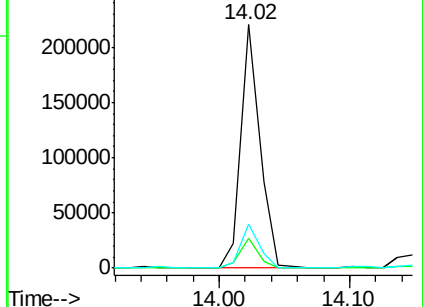
Tgt Ion:	202	Resp:	223493
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	29.3
203	17.8	0.0	37.6

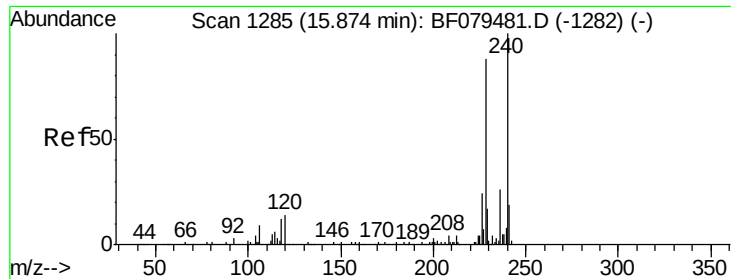


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





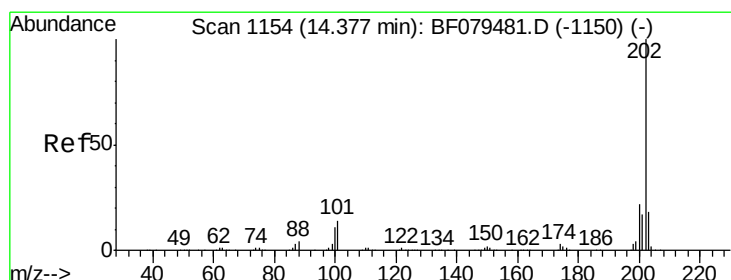
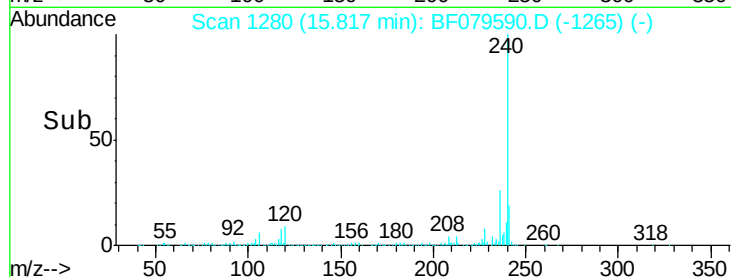
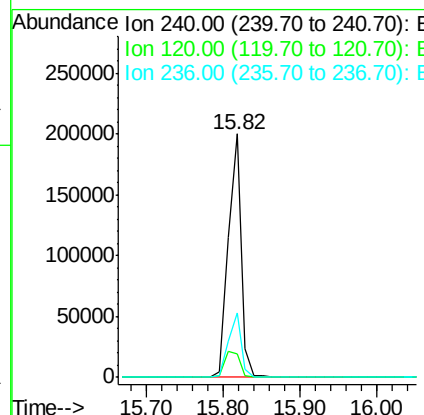
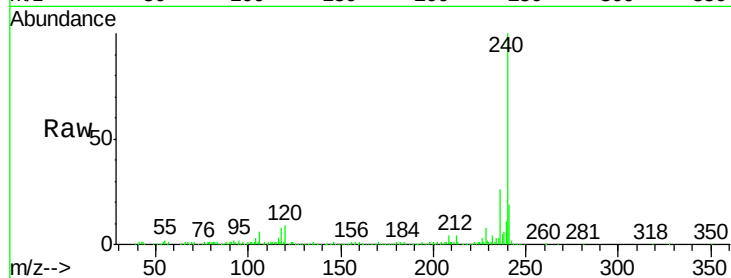
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.82 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	240158		
120	9.5	10.8	16.2	#
236	26.5	21.0	31.6	

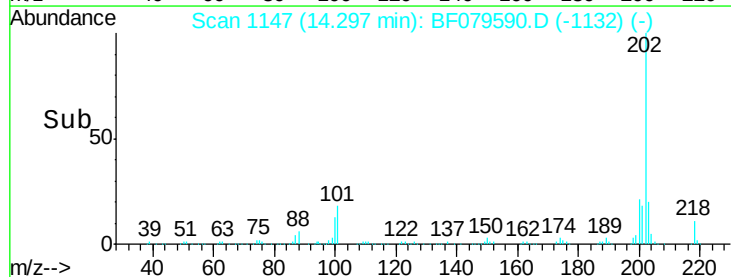
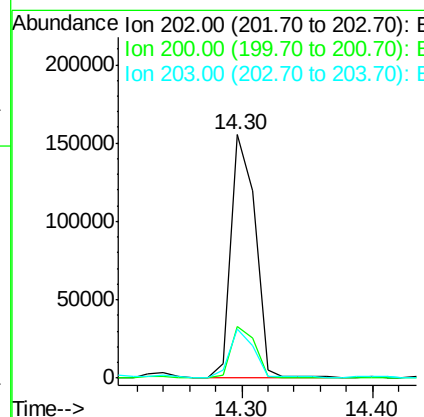
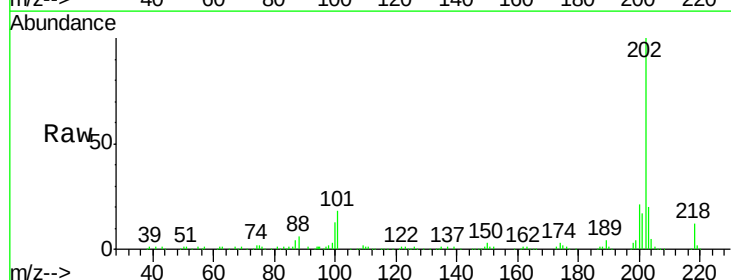
Manual Integrations
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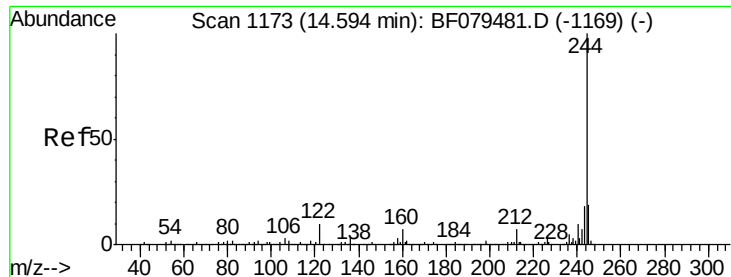
apatel
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#77
Pyrene
Concen: 13.41 ng
RT: 14.30 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	199462		
200	20.9	17.5	26.3	
203	20.2	14.4	21.6	





#78

Terphenyl-d14

Concen: 78.33 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF079590.D

Acq: 30 May 2015 7:34

Instrument :

BNA_F

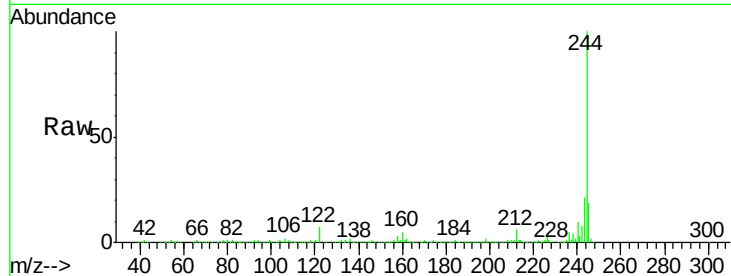
ClientSampleId :

CONNECTORRD-TE1.1(5)

Tot Ion:	244	Resp:	801580
Ion Ratio		Lower	Upper
244	100		
212	6.1	5.2	7.8
122	7.4	8.0	12.0#

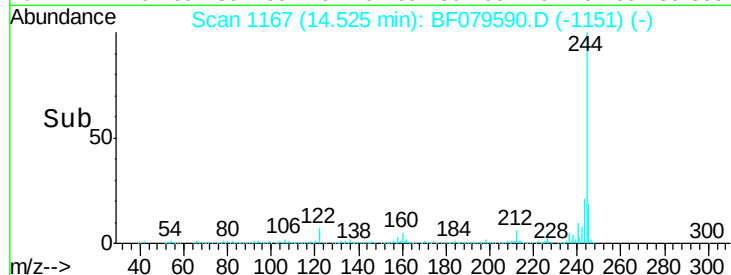
Manual Integrations
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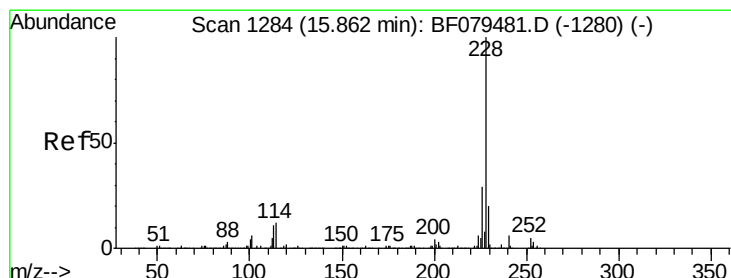


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

14.53



Time-->



#80

Benzo(a)anthracene

Concen: 9.47 ng

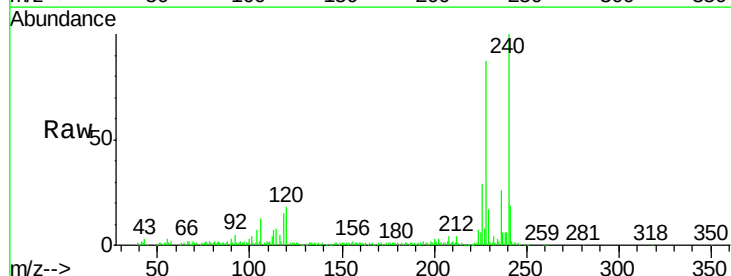
RT: 15.81 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF079590.D

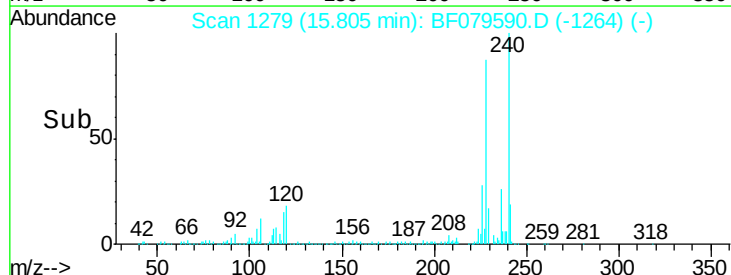
Acq: 30 May 2015 7:34

Tgt Ion:	228	Resp:	130869
Ion Ratio		Lower	Upper
228	100		
226	33.4	22.8	34.2
229	20.1	15.9	23.9

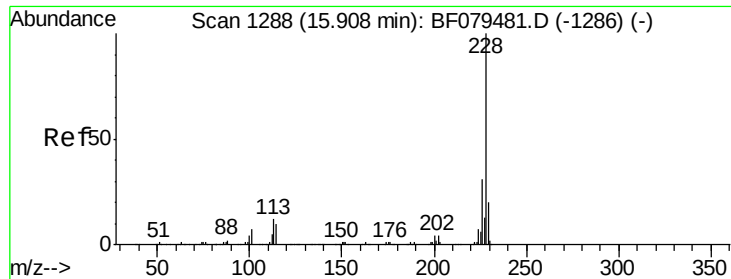


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

15.81



Time-->



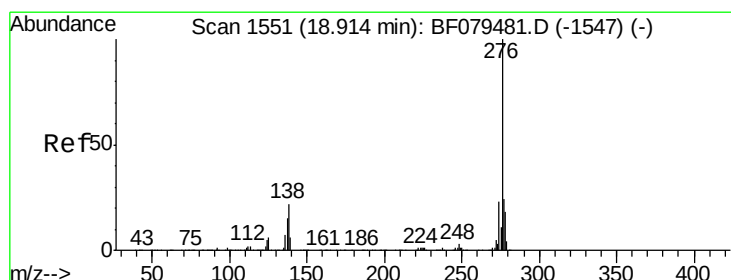
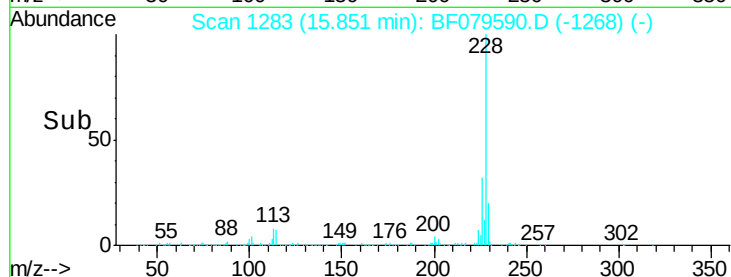
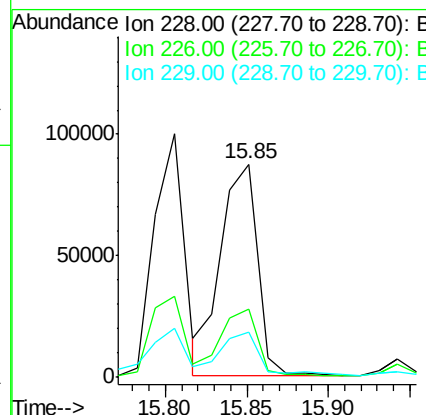
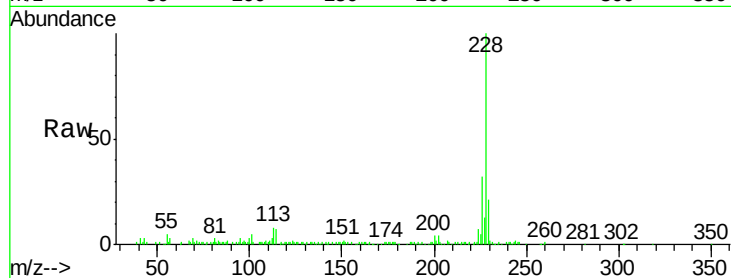
#82
Chrysene
Concen: 10.41 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.0	25.0	37.4		
229	21.0	15.9	23.9		

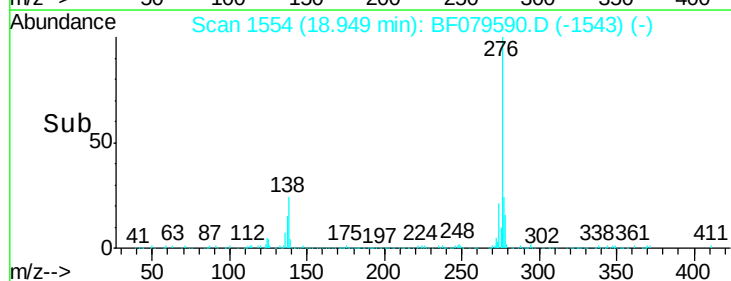
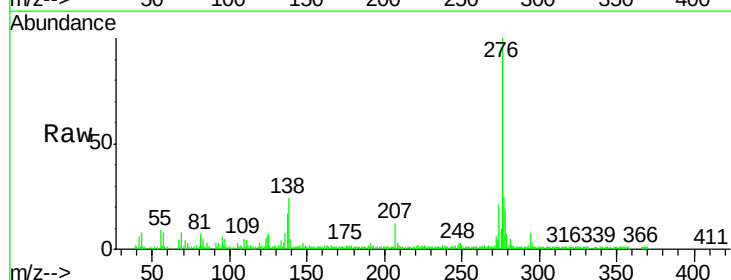
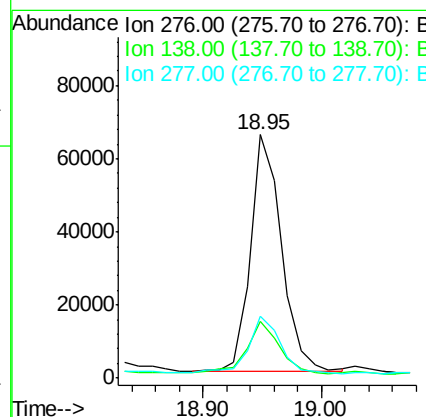
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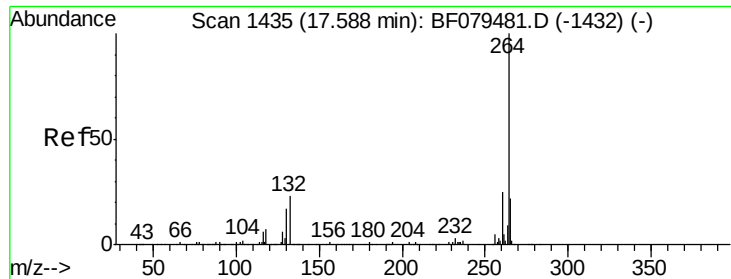
apatel
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#85
Indeno(1,2,3-cd)pyrene
Concen: 7.01 ng
RT: 18.95 min Scan# 1554
Delta R.T. -0.07 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	24.5	21.4	32.2		
277	25.5	19.8	29.6		





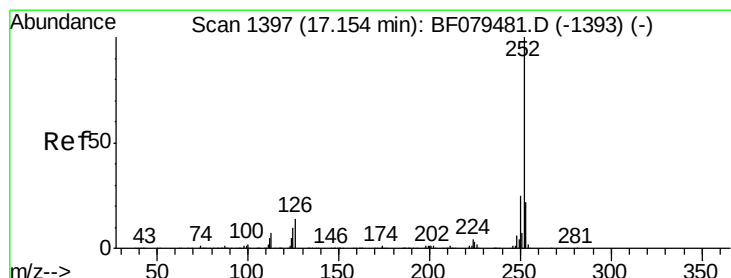
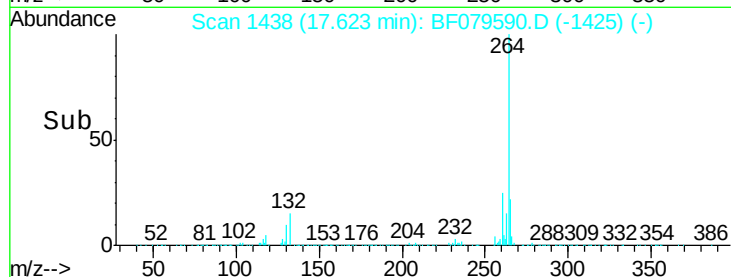
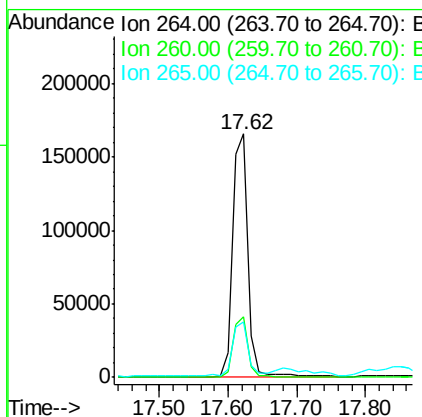
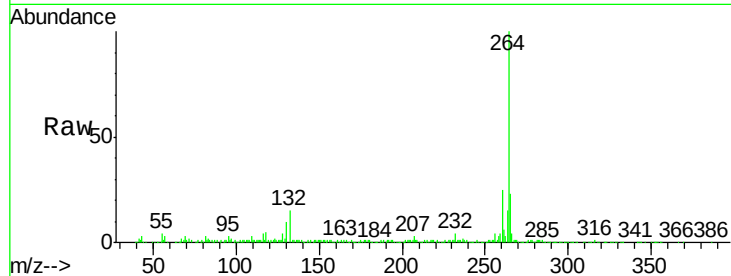
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.62 min Scan# 1438
Delta R.T. -0.05 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

Tot Ion:	264	Resp:	258029
Ion Ratio		Lower	Upper
264	100		
260	25.0	19.8	29.8
265	22.6	17.8	26.6

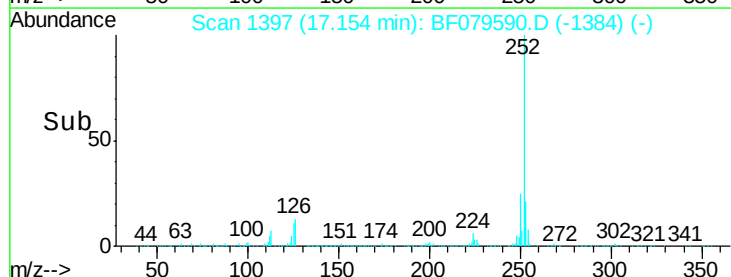
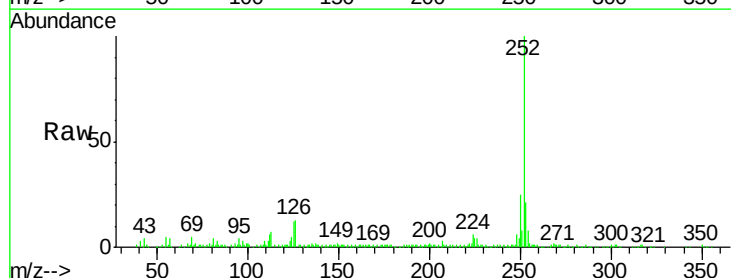
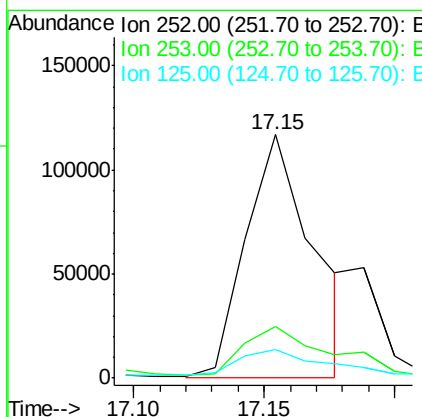
Manual Integrations
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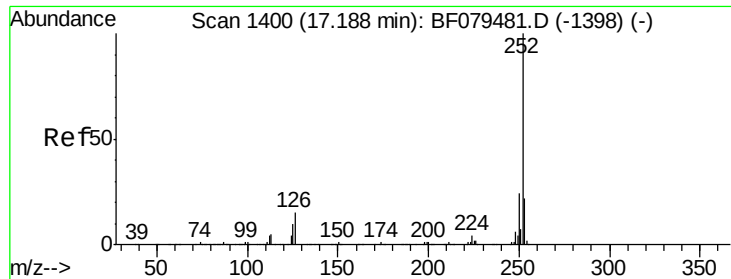
apatel
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#87
Benzo(b)fluoranthene
Concen: 14.30 ng m
RT: 17.15 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Tgt Ion:	252	Resp:	210486
Ion Ratio		Lower	Upper
252	100		
253	21.3	17.6	26.4
125	11.7	7.8	11.6#





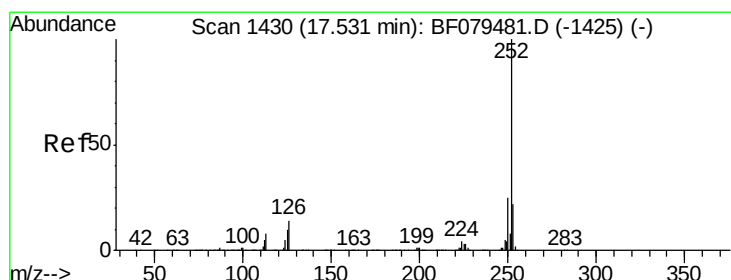
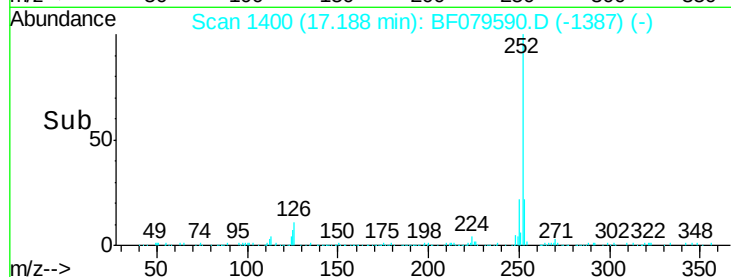
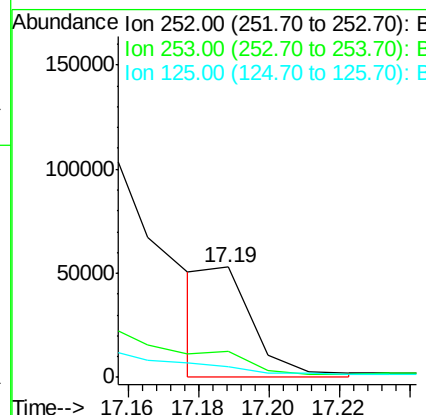
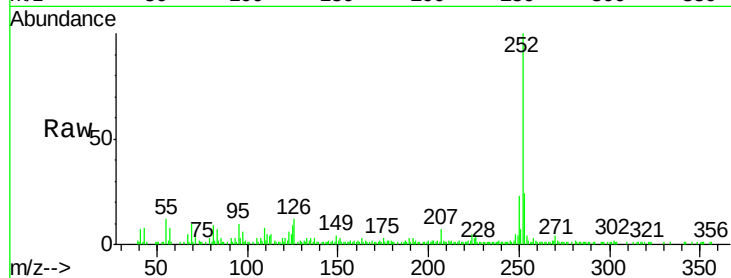
#88
Benzo(k)fluoranthene
Concen: 3.54 ng m
RT: 17.19 min Scan# 1400
Delta R.T. -0.05 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

Tot Ion:	252	Resp:	46610
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	9.3	6.8	10.2

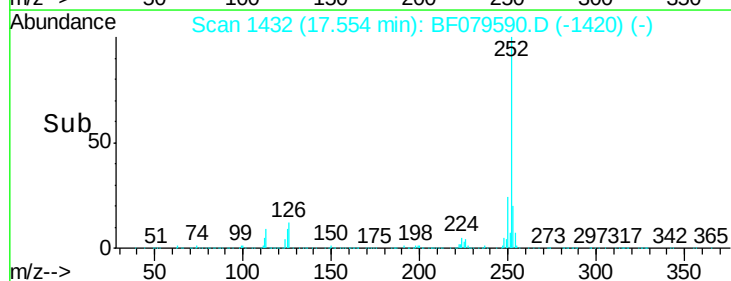
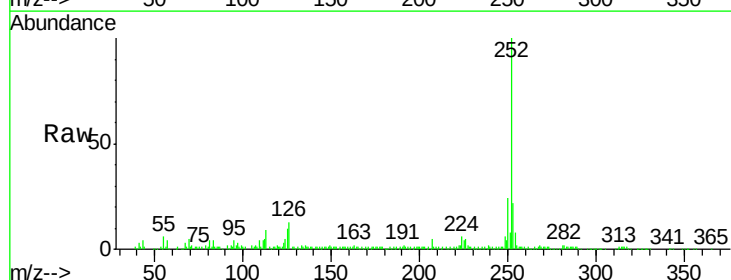
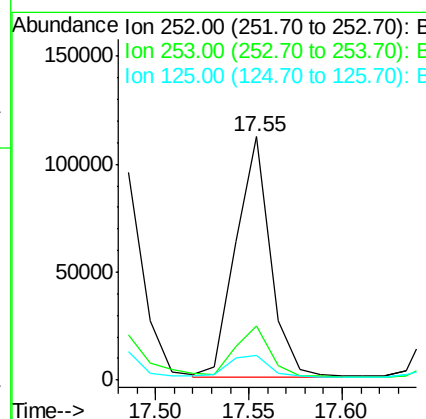
Manual Integrations
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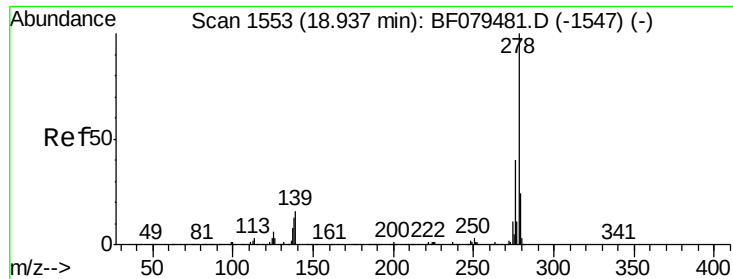
apatel
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#89
Benzo(a)pyrene
Concen: 9.75 ng
RT: 17.55 min Scan# 1432
Delta R.T. -0.06 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Tgt Ion:	252	Resp:	145257
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.4	7.9	11.9





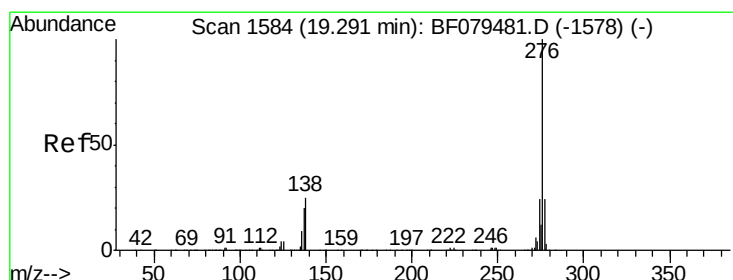
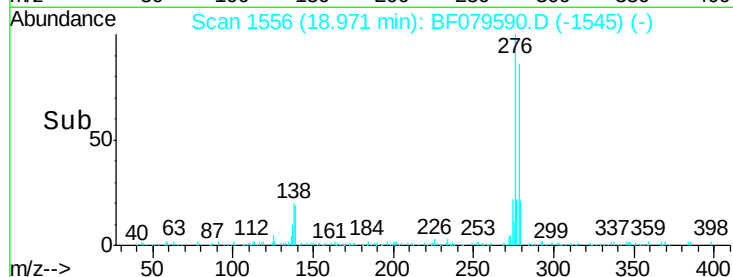
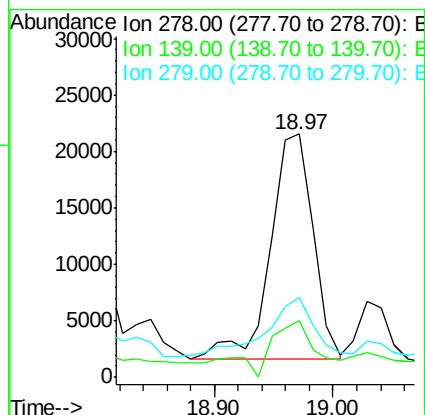
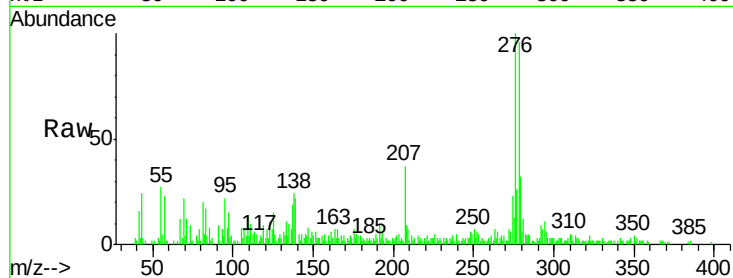
#90
Dibenzo(a,h)anthracene
Concen: 2.22 ng
RT: 18.97 min Scan# 1556
Delta R.T. -0.07 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.2	12.8	19.2#
279	33.0	19.1	28.7#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 9.45 ng
RT: 19.33 min Scan# 1587
Delta R.T. -0.08 min
Lab File: BF079590.D
Acq: 30 May 2015 7:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.1	28.7
138	25.2	20.1	30.1

